

Please enter amended claims.

Re 12/3/2004

Serial No.

10/686,588

**IN THE CLAIMS:**

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims, in accordance with the following:

1. (ORIGINAL) A robot with a sensor, the robot comprising:  
sensor means and  
sensor disposal position changing means for changing an disposal position of the sensor means from one position to another, wherein a plurality of positions including positions at and around a robot arm are set in advance as positions where the sensor means is disposed.
2. (ORIGINAL) A robot with a sensor according to claim 1, wherein one of the plurality of sensor means disposal positions is provided in an acting position where the sensor means is used while mounted to a tip end of the robot arm and another is provided in a retreat position where the sensor means retreats from the acting position when not used.
3. (ORIGINAL) A robot with a sensor according to claim 2, wherein the acting position of the sensor means is near working means mounted to the tip end of the robot arm and the retreat position is on the robot arm.
4. (CURRENTLY AMENDED) A robot with a sensor according to claim 2 ~~or 3~~, wherein protecting means for the sensor means is provided in the retreat position.
5. (CURRENTLY AMENDED) A robot with a sensor according to claim 2 ~~or 3~~, wherein cleaning means for the sensor means is provided in the retreat position.
6. (ORIGINAL) A robot with a sensor, the robot comprising:  
sensor means and  
sensor disposal position changing means for changing a disposal position of the sensor means from one position to another, wherein a plurality of positions are set in advance on a